

Title (en)  
DEVICE FOR SAMPLING MARINE SEDIMENTS

Publication  
**EP 0239065 B1 19900117 (FR)**

Application  
**EP 87104296 A 19870324**

Priority  
LU 86373 A 19860326

Abstract (en)  
[origin: EP0239065A1] 1. A device for sampling sediments (17) from the sea bottom, comprising a tubular body (1), one end of which is provided externally with guiding ribs (2) adapted to ensure the vertical position of the body during its descent in the water, the other end of which is externally chamfered to facilitate the penetration of the tubular body (1) into the sediments, and comprising a no-return flap (10) for closing the central channel (6) of the tubular body, thus allowing to retain the sediments penetrated therein, characterized in that said central channel (6) comprises two electrically controlled valves (9, 11) close to the two ends, the upper valve (9) being controlled for closing by a detector (12), which detects the presence of sediments in the channel at a level slightly lower than the upper valve, and the lower valve (11) being located below said flap (10) and controlled by a detector (14), which indicates whether the device has left the sea bottom.

IPC 1-7  
**E21B 25/18**

IPC 8 full level  
**E21B 25/18** (2006.01)

CPC (source: EP)  
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Cited by  
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**EP 0239065 A1 19870930; EP 0239065 B1 19900117**; DE 3761445 D1 19900222; ES 2012370 B3 19900316; GR 3000409 T3 19910628; LU 86373 A1 19870402

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